

What is claimed is:

1. A method for checking a disk loading status in an optical disk comprising the steps of:

5 discriminating a loading status of an optical disk by multi-stage; transmitting corresponding information to a host connected through an interface in case that disk has been jammed upon discrimination; and performing disk-ejection operation according to a disk ejection command received from the host.

10 2. The method according to claim 1, wherein in the step of discriminating the loading status of an optical disk by multi-stage, a loading status of an optical disk is discriminated by multi-stage on the basis of sensing signals respectively outputted from a plurality of optical sensor for sensing a size of the 15 optical disk and from a loading switch for sensing whether the optical disk has been clamped.

20 3. The method according to claim 2, wherein when the combination of the sensing signals respectively outputted is not a value indicating a state that the disk is completely mounted and as such being maintained for more than a predetermined time, it is discriminated that the disk has been jammed.

4. A method for checking a disk loading status in an optical disk comprising the steps of:

25 discriminating a loading status of an optical disk by multi-stage; and

performing a disk-ejection operation by itself in case that the disk has been jammed upon discrimination.

5. The method according to claim 4, further comprising a step of transmitting information reporting the disk-ejection to a connected host.

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